UNIVERSITÀ DI PAVIA

COMPUTER BASED

Enrollment year	2020/2021
Academic year	2020/2021
Regulations	DM270
Academic discipline	INF/01 (COMPUTER SCIENCE)
Department	DEPARTMENT OF PUBLIC HEALTH, NEUROSCIENCE, EXPERIMENTAL AND FORENSIC MEDICINE
Course	NURSING AND MIDWIFERY SCIENCES
Curriculum	PERCORSO COMUNE
Year of study	1°
Period	(16/11/2020 - 05/02/2021)
ECTS	2
Lesson hours	16 lesson hours
Language	Italian
Activity type	WRITTEN TEST
Teacher	MONTOMOLI CRISTINA (titolare) - 2 ECTS
Prerequisites	Basic knowledge of Windows Operating System
Learning outcomes	The aim of the course is to give technical knowledge to analyse biological and clinical data. At the end of the course the student will be able to use a statistical software (EpiInfo) to input, store and analyse data coming from clinical studies.
Course contents	The software EpiInfo will be used, in particular the following modules will be explained: Make View (to create an input window), Enter Data (to input data coming from clinical studies), Analyze Data (to analyse data using descriptive and inferential statistics).
Teaching methods	During the course there will be lectures about statistical methods for the analysis of clinical data and practical sessions using EpiInfo.

Reccomended or required readings	Falasca, Errico, Falasca MANUALE DI EPI INFO, Epi Edizioni, 2005
Assessment methods	Practical Exam on the Computer (Performing a statistical analysis of a real data set coming from a nursing research using Epiinfo).
Further information	The teacher meets students by appointment at the Dip.to Sanità Pubblica, Medicina Sperimentale e Forense, U.O. di Biostatistica e Epidemiologia Clinica, Via Forlanini 2, e-mail: cristina.montomoli@unipv.it
Sustainable development goals - Agenda 2030	$lbl_legenda_sviluppo_sostenibile